



Naval Air Station North Island AICUZ

**VADM W. D. French
21 March 2014**



Coronado AICUZ Overview

- ***OPNAV N46 approved an update to the 1984 Air Installation Compatible Use Zone (AICUZ) that adjusted Accident Potential Zones I and II (APZ I and II) .***
- ***Adoption of the Airport Land Use Compatibility Plan (ALUCP) for NASNI has no impact to a property owner with established land uses, approved development plans, or other vested rights to develop. These rights are protected under California statute and can only be altered at the local level. Development of the ALUCP and modification of zoning ordinances involve public hearings that will have significant participation from the City of Coronado.***

- (b)(5)



APZs: 1984 vs 2011

- **APZ Changes between 1984 and 2011**

- 1984 APZs I and II over Coronado did not properly conform to dominant flight track(s), per existing guidelines.
- 2011 APZs I and II over Coronado were drawn IAW OPNAVINST 11010.36C, dated 9 Oct 2008 and Unified Facilities Code 3-260-01, dated 17 Nov 2008
- Between 1984 and 2011, changes to aircraft platforms and mix of aircraft, operations tempo, and maintenance procedures required an update to noise and AICUZ studies.
- Changes to the 2008 AICUZ Instruction restricted deviations from the standard APZs dimension.

- 1984 AICUZ

- 2011 AICUZ





APZ Alignment to Current Visual Approach

The current (2012) HOTEL VISUAL Approach intercepts the final course approximately ½ NM west of the depiction in the 2011 AICUZ Study.

(b)(5)



(b)(5)



(b)(5)

- (b)(5)

[Redacted text block consisting of approximately 10 lines of text, all obscured by black bars.]



Back Up

Released on 3/20/14 by CAPT J. P. Rios



Path to 1984 AICUZ

• **Mr. Bernard Kamerman, Western Division, Naval Facilities Engineering Command, initiated an update to NASNI AICUZ (b)(5)**

• **1984 AICUZ update was prepared IAW OPNAVINST 11010.36, dtd 25 May 1979**

• **1984 AICUZ update signed by direction RDML P.W. Drennon (OPNAV N44) on 4 Sep 1984, after review by stakeholders (installation, COMNAVAIRPAC, etc.)**



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
WASHINGTON, DC 20350

IN REPLY REFER TO
11011
Ser Q42/269
4 Sep 1984

From: Chief of Naval Operations

Subj: NAS NORTH ISLAND AIR INSTALLATIONS COMPATIBLE USE ZONES
STUDY

Ref: (a) OPNAVINST 11010.36 of 25 May 1979

1. In accordance with reference (a), the Air Installations Compatible Use Zones (AICUZ) Study for the Naval Air Station (NAS) North Island is approved for implementation.
2. The study incorporates the latest state-of-the-art techniques for depicting aircraft noise and accident potential zones. The study also fully addresses alternatives for mitigating noise and exposure to aircraft accident. As a result, the existing AICUZ is approved and should be utilized by local governments and individuals concerned with land use planning and operation of facilities within the AICUZ area. Specific actions recommended by the study will be pursued within program development and fiscal constraints.
3. It is envisioned that through dissemination of the AICUZ Study and continued discussions between NAS North Island and the City of Coronado, the land use recommendations will be implemented to safeguard the public health, safety and welfare and to protect the station's operational capabilities.

P. W. DRENNON
By direction

Distribution:
CINCPACFLT
COMNAVAIRPAC
COMASWINGPAC
NAS North Island
COMNAVFACENGCOM (2023AS)
WESTNAVFACENGCOM



Path to 1984 AICUZ (cont)

- ***OPNAVINST 11010.36 gave installations more flexibility to adjust APZ's to local conditions than current version used for the 2011 NASNI AICUZ Update.***
- ***California did not have a statewide law requiring local agencies to prepare and adopt Airport Land Use Compatibility Plans consistent with DoD AICUZ Study recommendations (land uses, density, height limitations etc.)***
- ***Prior to 2002 California Cities and Counties had full discretion to incorporate AICUZ recommendations within General Plans, but now must decide to either adopt or override ALUCP/AICUZ recommendations in whole or part, via public process.***

Document search by Navy Region Southwest failed to find any archived documents related to the award or approval of the 1984 AICUZ.

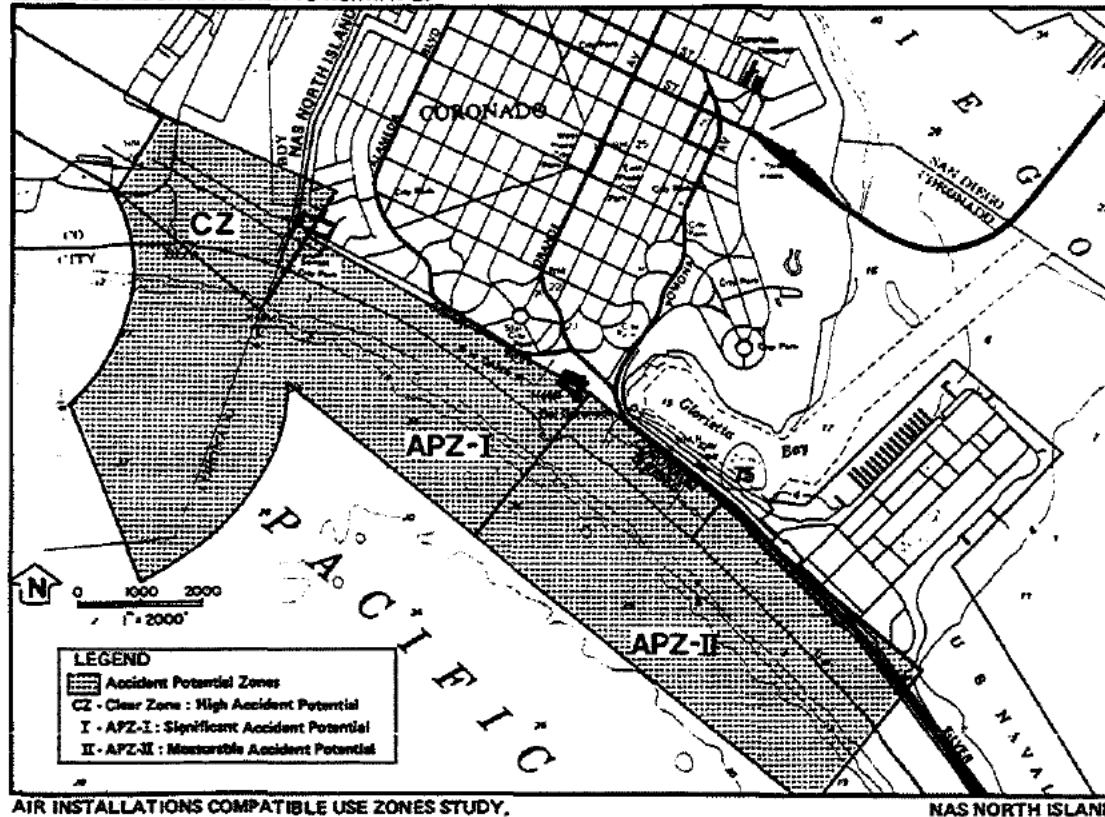


1984 AICUZ Justification

OPNAVINST 11010.36 (May '79), Section III-C

- Recommends APZ width of 3,000ft but allows variation. APZ dimensions "shall be verified at each installation (either confirmed or justification for their modification provided in accordance with paragraph C.(3).)"
- Paragraph III-C.(3) provides many opportunities for modification of APZs, including conforming to flight shadows, unique site conditions, topography surrounding the installation, and population density. It also allows consideration of local accident history.
- Requires CNO approval (but not coordination) prior to modification of APZs or Clear Zones.

FIGURE V-3
EXISTING APZs ON APPROACH TO RUNWAY 29



AIR INSTALLATIONS COMPATIBLE USE ZONES STUDY,
WESTERN DIVISION NAVAL FACILITIES ENGINEERING COMMAND



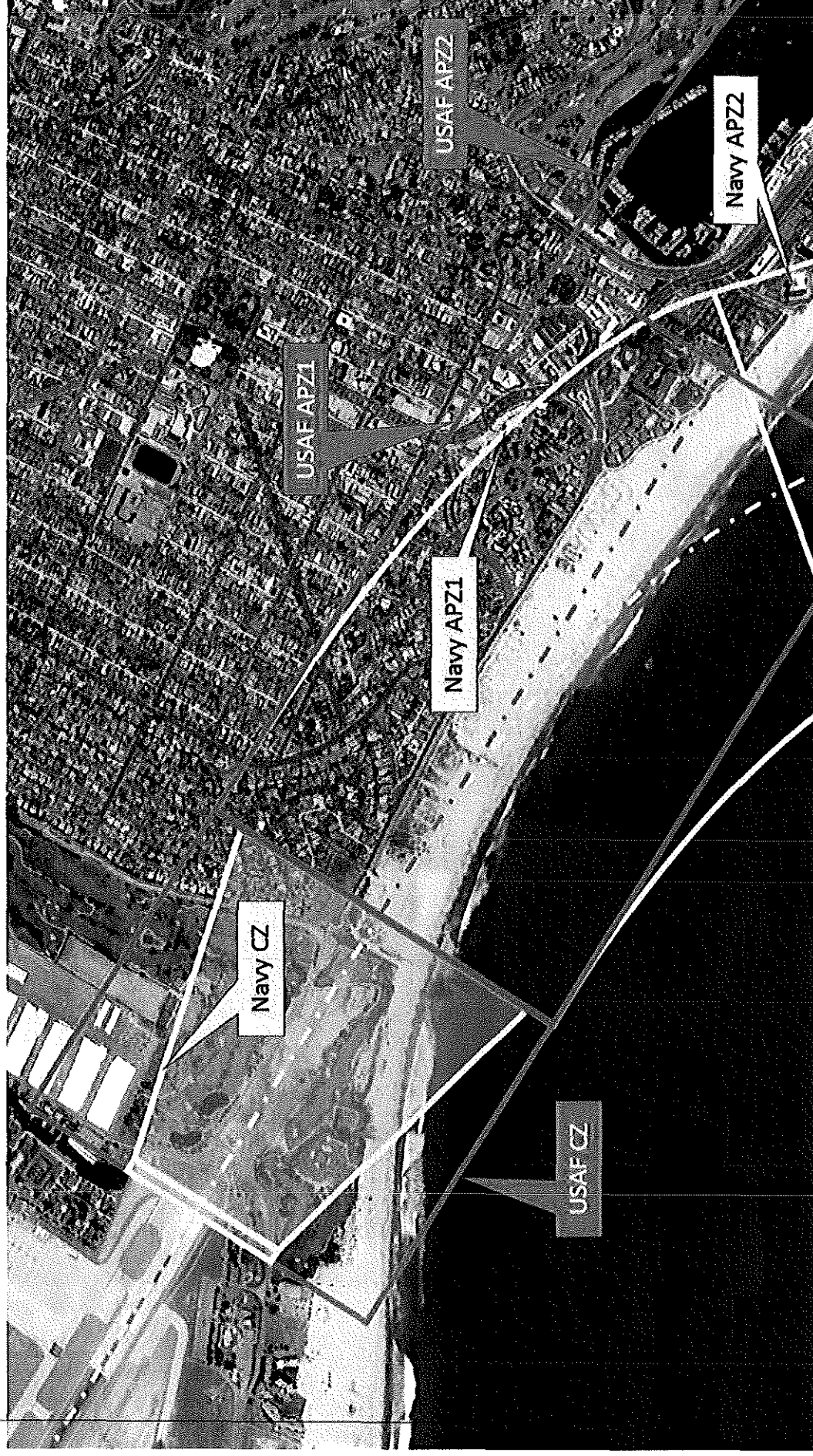
1984 AICUZ Justification (cont)

1984 AICUZ justification for offset approach on R/W 29 (page VI-12):

- *“APZ-1 was adjusted to reflect the eight-degree offset precision approach and station accident history.”*
- *APZ-1 was “truncated from its normal shape to account for unusual nature of the approach and absence of accidents.”*
- *The “presence of an easily available water ditching area along the entire left-hand side of the final approach... is a singular condition unique to NAS North Island.”*
- *“It is assumed that a pilot experiencing difficulty upon final approach would elect to ditch in the water in preference to the developed area along the beach in Coronado. This type of option is not normally available. At NAS North Island, the 3,000-foot width was retained for most approaches, but modified for the Runway 29 offset approach.”*



USN – USAF CZ/APZ Comparison





CZ Development



Legend

Changes

- 1981 building footprint
- 2012 addition to 1981

CZ Parcels

APZ I Parcels

